

## **ABSTRACT**

A composite fan consists of a first fan and a second fan located on the air outlet side of the first fan. The first fan has a plurality of first rotary vanes and a plurality of first guide vanes located on the air outlet side of the first rotary vanes. The second fan has a plurality of second rotary vanes and a plurality of second guide vanes located on the air inlet side of the second rotary vanes. Each of the second guide vanes corresponds to and is coupled with each of the first guide vanes to form a continuous curved surface.